

## AMENDMENTS TO THE CLAIMS

1 to 17. **(Cancelled)**

18. **(New)** A formed product, which is formed by processing a steel bar or wire as a raw material, the steel having an ultra fine structure comprising ferrite grains of average grain diameter of 3  $\mu\text{m}$  or less, wherein Vickers hardness of the product is 200 or more.

19. **(New)** A formed product, which is formed by processing a steel bar or wire as a raw material, the steel having an ultra fine structure comprising elongated ferrite grains of average grain diameter of shorter diameter of 3  $\mu\text{m}$  or less, wherein Vickers hardness of the product is 200 or more.

20. **(New)** The formed product as claimed in claims 18 or 19, wherein a composition of the steel is, by wt.%, of

C: 0.001% or more, 1.2% or less,

Si: 2% or less,

Mn: 3% or less,

P: 0.2% or less,

S: 0.1% or less,

Al: 0.3% or less,

N: 0.02% or less,

and a balance of Fe and inevitable impurities.